

JNK inhibitor IX, JNK inhibitor

Catalog	Unit
TBI1528-5MG	5 mg
TBI1528-25MG	25 mg

Product Details

Formal Name: N-(3-Cyano-4,5,6,7-tetrahydrobenzo[b]thien-2-yl)-1-Naphthalenecarboxamide

Alternate Names: TCS JNK 5a

Molecular Formula: C₂₀H₁₆N₂OS

Formula Weight: 332.42

CAS Number: 312917-14-9

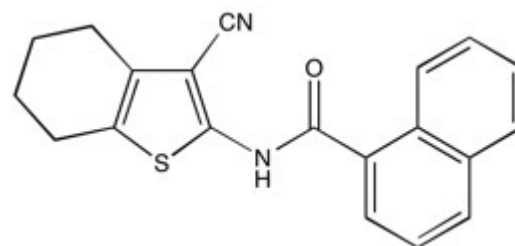
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 13 mg/ml with warming) or in Ethanol (up to 4 mg/ml with warming)

Storage: RT

Stability: ≥ 2 years.



Applications

JNK inhibitor

Functions

Inhibits JNK2 and JNK3 via binding to the ATP binding domain. Displays little or no activity against JNK1, p38 α and a panel of 30 other kinases. Induces prometaphase arrest-dependent apoptotic cell death in human Jurkat T cells.

Application Procedures

First dissolved in DMSO (up to 13 mg/ml with warming) or in Ethanol (up to 4 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.